

### ABSTRACT OF THE DISCLOSURE

Functions of a programmable logic controller are located in physically separable units. These physically separable units include a program execution device, or control device, whose function is limited to sequencing through the user logic program and a communication/programming device, which provides the programmability function. The micro controller incorporates a micro processor, RAM, and re programmable Flash EPROM in a single package implements the logical core of the program execution device.

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